

Amendments to the Specification:

At page 1, please replace the title of the invention with the following title:

“METHOD AND EMBEDDED SYSTEM FOR IMPLEMENTING AND
SECURING A TYPED DATA LANGUAGE IN A COMPUTER SYSTEM”

Please replace

Please replace paragraph [0070] with the following amended paragraph:

[0070] A reference object is created in the "JVM Stack" : for example the (arbitrary) four byte value "1234" is placed in the storage positions of the ~~"local variable area"~~ "data area" (level 1). Since it is a reference type object, the value "100" (in bits) is placed in the corresponding "Typing" area ~~5b4b~~ (level 1).

Please replace paragraph [0074] with the following amended paragraph: